

(PCT Article 36 and Rule 70)

| | |
|---|-----------------------------------|
| Date of submission of the demand | Date of completion of this report |
| Name and mailing address of the IPEA/EP | Authorized officer |
| Facsimile No. | Telephone No. |

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/EP2004/010601

Box No. I Basis of the report

1. With regard to the **language**, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.
- ☐ This report is based on translations from the original language into the following language _____, which is the language of a translation furnished for the purposes of:
- ☐ international search (Rule 12.3 and 23.1(b))
- ☐ publication of the international application (Rule 12.4)
- ☐ international preliminary examination (Rule 55.2 and/or 55.3)
2. With regard to the **elements** of the international application, this report is based on *(replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report)*:
- ☐ the international application as originally filed/furnished
- ☒ the description:
- pages 1, 4-7 as originally filed/furnished
- pages* 2, 3, 3a received by this Authority on 28.07.2005 with letter of 25.07.2005
- pages* _____ received by this Authority on _____
- ☒ the claims:
- nos. _____ as originally filed/furnished
- nos.* _____ as amended (together with any statement) under Article 19
- nos.* 1-6 received by this Authority on 28.07.2005 with letter of 25.07.2005
- nos.* _____ received by this Authority on _____
- ☒ the drawings:
- sheets 1/4-4/4 as originally filed/furnished
- sheets* _____ received by this Authority on _____
- sheets* _____ received by this Authority on _____
- ☐ a sequence listing and/or any related table(s) – see Supplemental Box Relating to Sequence Listing.
3. ☐ The amendments have resulted in the cancellation of:
- ☐ the description, pages _____
- ☐ the claims, nos. _____
- ☐ the drawings, sheets/figs _____
- ☐ the sequence listing (*specify*): _____
- ☐ any table(s) related to sequence listing (*specify*): _____
4. ☐ This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).
- ☐ the description, pages _____
- ☐ the claims, nos. _____
- ☐ the drawings, sheets/figs _____
- ☐ the sequence listing (*specify*): _____
- ☐ any table(s) related to sequence listing (*specify*): _____

* If item 4 applies, some or all of those sheets may be marked "superseded."

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/EP2004/010601

| Box No. V | Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement | | |
|-----------|---|-------------------|-----|
| 1. | Statement | | |
| | Novelty (N) | Claims <u>1-6</u> | YES |
| | | Claims _____ | NO |
| | Inventive step (IS) | Claims <u>1-6</u> | YES |
| | | Claims _____ | NO |
| | Industrial applicability (IA) | Claims <u>1-6</u> | YES |
| | | Claims _____ | NO |
| 2. | Citations and explanations (Rule 70.7) | | |
| 1. | <p>This report makes reference to the following documents:</p> <p>D1: EP-A-0 928 687 (MUNZ RICHARD) 14 July 1999 (1999-07-14)</p> <p>D2: DE 197 50 243 A (KOENIG & BAUER AG) 27 May 1999 (1999-05-27)</p> | | |
| 2. | INDEPENDENT CLAIM 1 | | |
| 2.1 | <p>D1 is considered to be the prior art closest to the subject matter of claim 1. D1 discloses (the references in parentheses are to D1) a cleaning device (paragraph [0029]) for printing cylinders and plate cylinders (paragraph [0001]) having a guide rail (7) situated approximately parallel to the printing cylinder, a washing apparatus ("blanket washer") being guidable along the longitudinal side of the guide rail which faces the printing cylinder and having a cleaning brush (3) that can be rotatably driven about a rotational axis extending approximately parallel to the printing cylinder and disposed between the planes defined by the upper side and the lower side of the guide rail (7) (figure 4).</p> | | |

| Box No. V | Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement |
|-----------|--|
| 2.2 | <p>The present independent claim 1 differs from D1 in that the rotary actuator allocated to the at least one cleaning brush is situated in the enveloping circle formed by the outer periphery of the brush. The rotary actuator in D1 is situated behind the cleaning brush.</p> <p>Claim 1 is therefore novel (PCT Article 33(2)).</p> |
| 2.3 | <p>The problem to be solved was that of providing a cleaning device with a compact and space-saving design.</p> |
| 2.4 | <p>D1 does not provide a rotary actuator integrated into the outer periphery of the brush. In contrast thereto, the rotary actuator is provided separately. Although a rotary actuator integrated in the outer periphery of the brush is anticipated by documents such as D2, these documents do not mention guide rails. In D2, the cleaning device extends along the entire length of the cylinder to be cleaned, and is not axially displaceable.</p> <p>A person skilled in the art is not prompted by the prior art to design such a device in which the guide rail and the integrated rotary actuator are provided in a single device.</p> <p>An inventive step can therefore be recognized (PCT Article 33(3)).</p> |
| 3. | <p>Dependent claims 2 to 6</p> <p>Claims 2 to 6 are dependent on claim 1 and therefore also meet the PCT requirements for novelty and inventive step.</p> |